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SECONDARY SCREENINGS **Mapping N-terminal/central/C-terminal****ELISA 1-320/73-320**

WT	-	+	+	+
1-320	-	-	-	+
73-320	-	-	-	+
	lost	C-ter	N-ter	central
	162	33	115	7

 **Selection of N-terminal antibodies****ELISA WT + displacement by peptides 1-40/34-73****77 antibodies displaced by 1-40****27 antibodies displaced by 34-73****11 antibodies not displaced** **Elimination of the IgMs****Isotyping****Figure 1**

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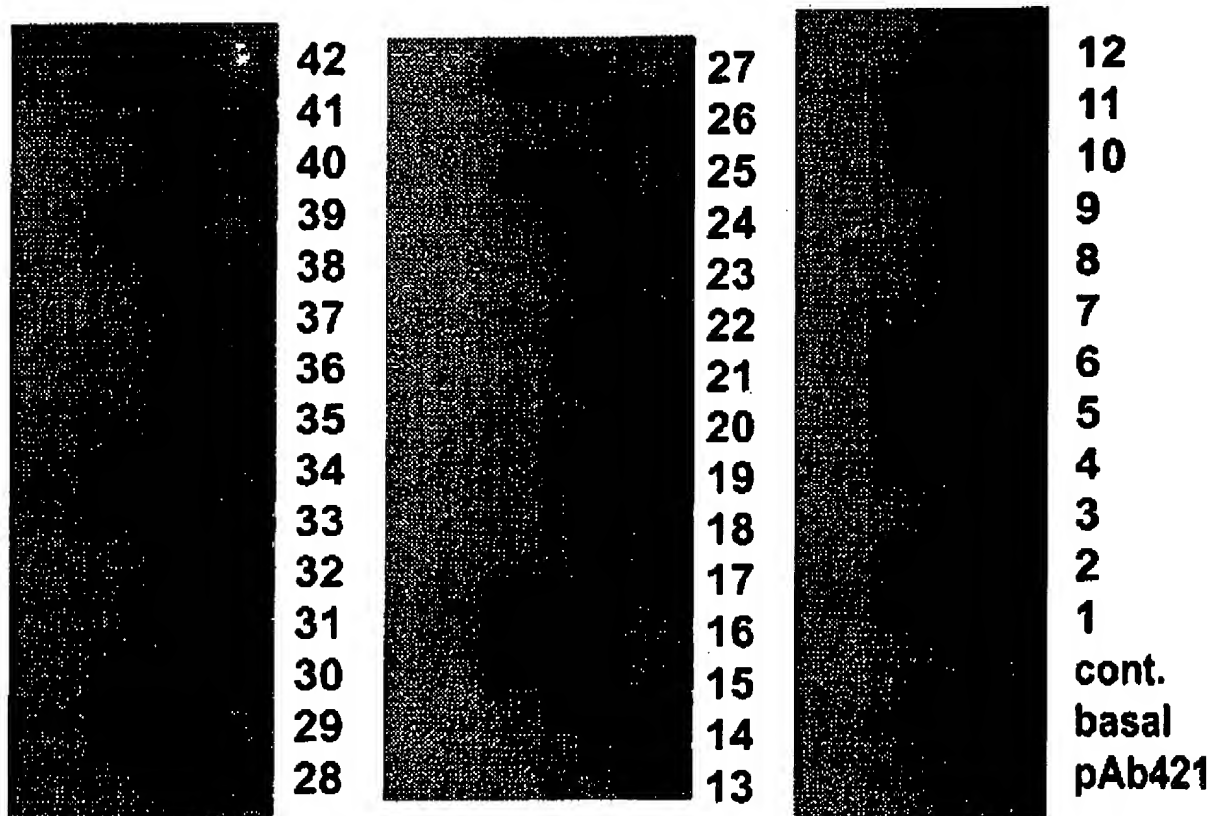


Figure 2

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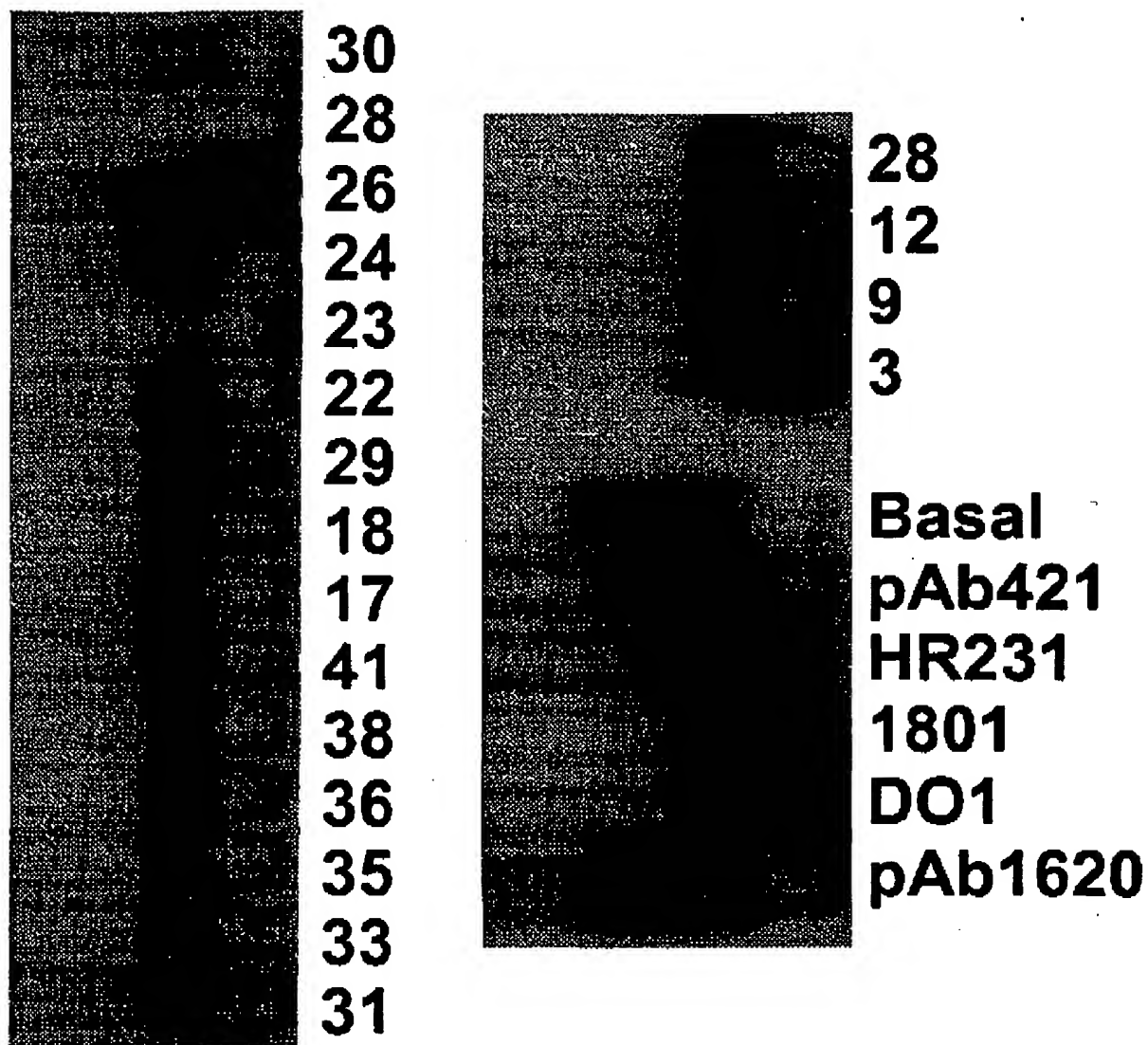


Figure 3

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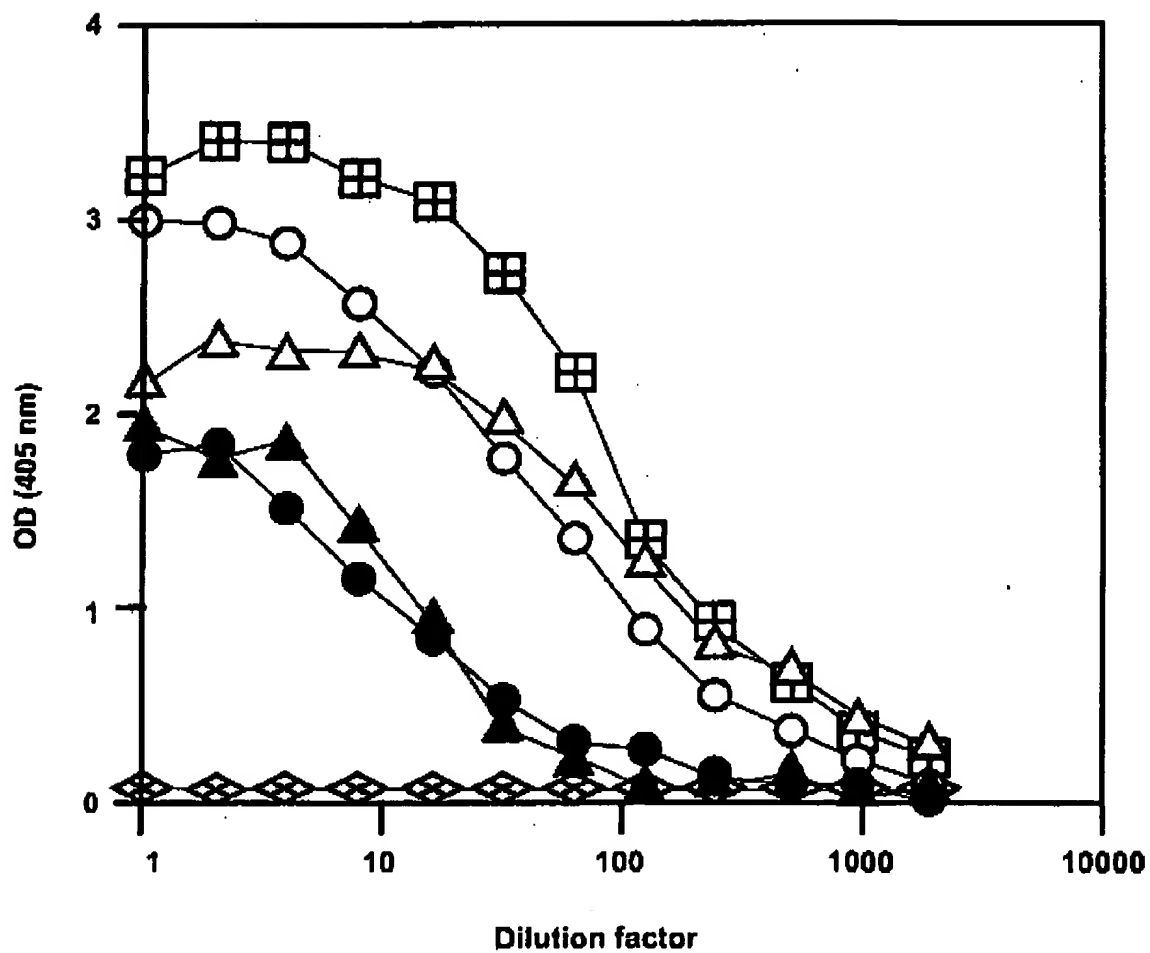
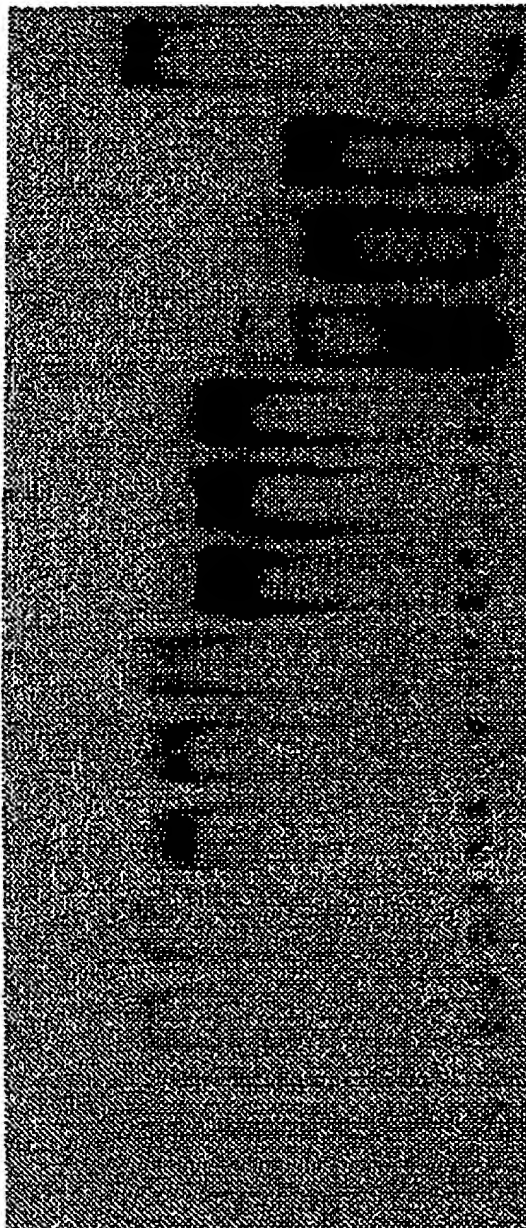


Figure 4

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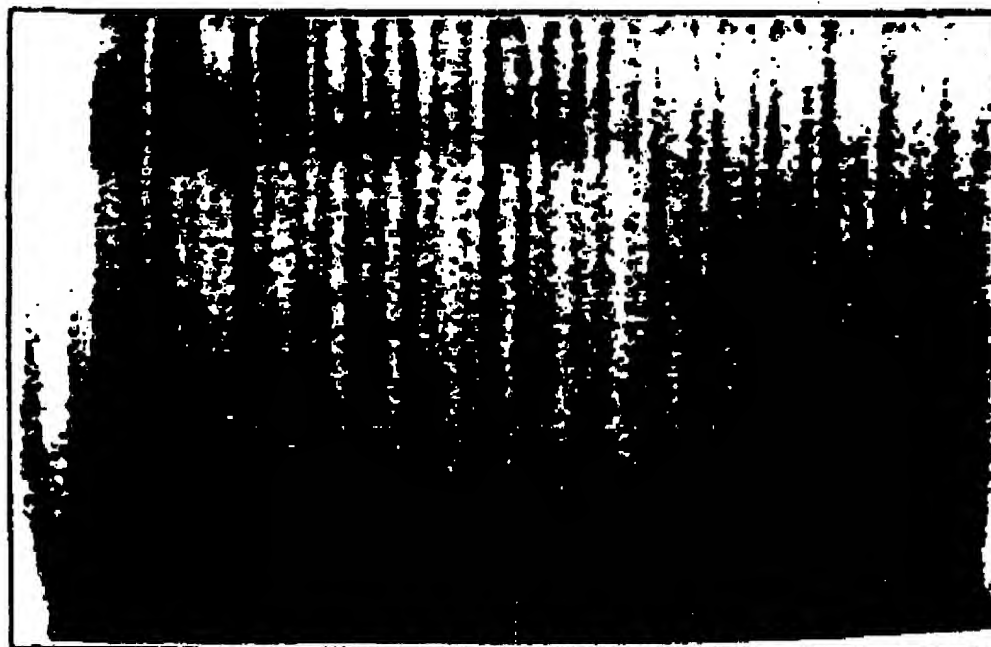


Basal
+HR231
+pAb421
+11D3
+ScFv421 (2)
+ScFv421 (5)
+ScFv421 (10)
+ScFvD3M (2)
+ScFvD3M (5)
+ScFvD3M (10)
+ScFvY28 (2)
+ScFvY28 (5)
+ScFvY28 (10)

Figure 5

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p53-DNA-antibody complex



p53 Trp248 alone		
p53 Trp248 + PAB421 purified		
p53 Trp248 + HR231 purified		
p53 Trp248 + PAB1801 purified		
p53 Trp248 + PAB421 unpurified		
p53 Trp248 +		10μl
p53 Trp248 + ScFv 1LD3		5μl
p53 Trp248 +		2μl
p53 Trp248 +		10μl
p53 Trp248 + ScFv 421		5μl
p53 Trp248 +		2μl
p53 Trp248 +		10μl
p53 Trp248 + ScFv control		5μl
p53 Trp248 +		2μl
p53 Trp248 +		10μl
p53 Trp248 + periplasmic alone		5μl
p53 Trp248 +		2μl

Figure 6

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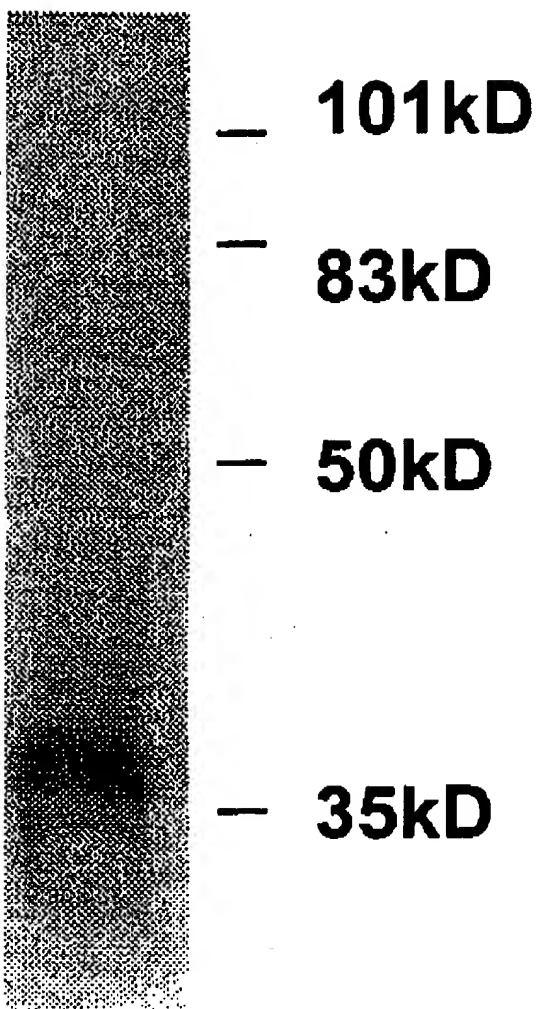


Figure 7

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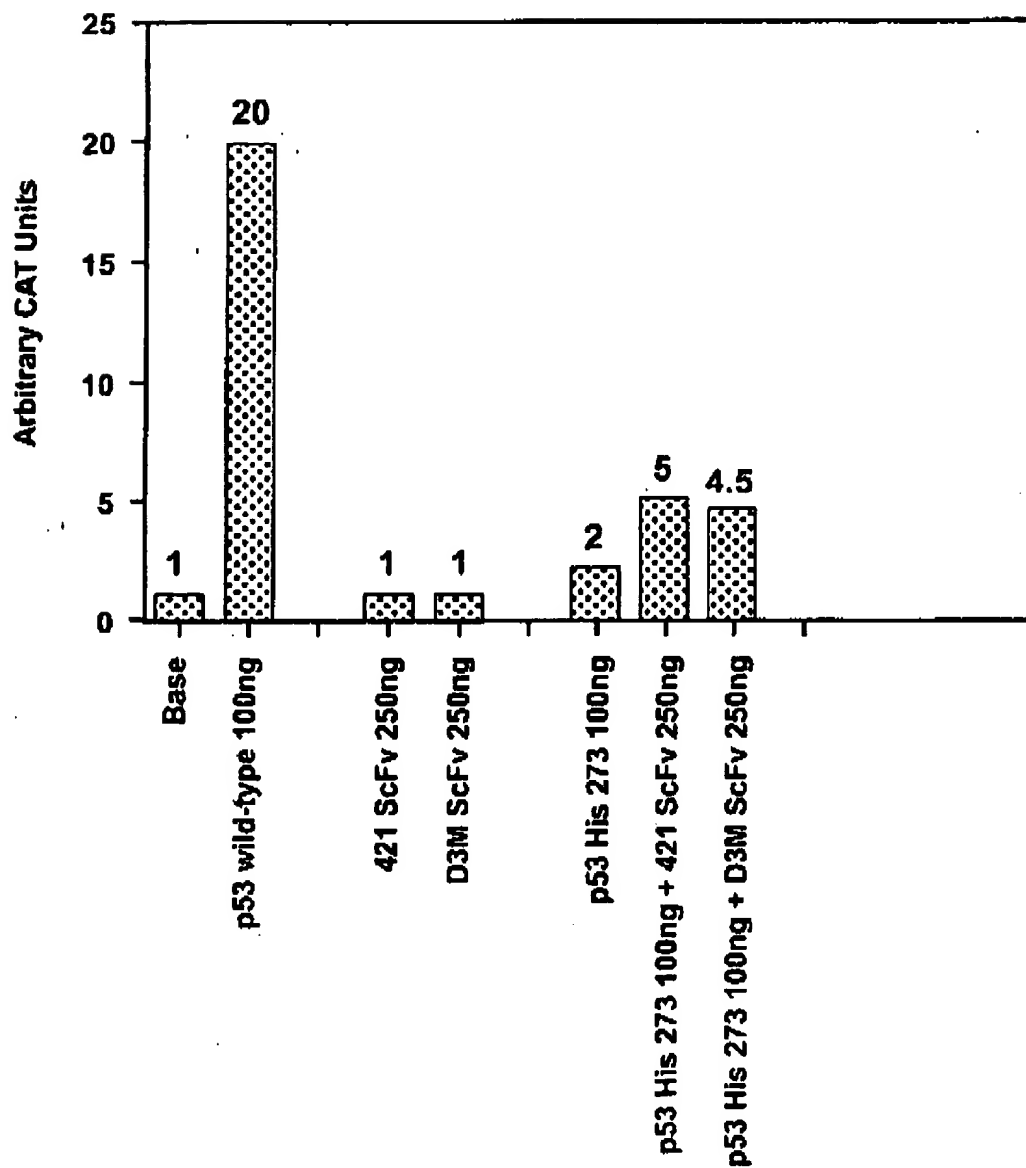


Figure 8

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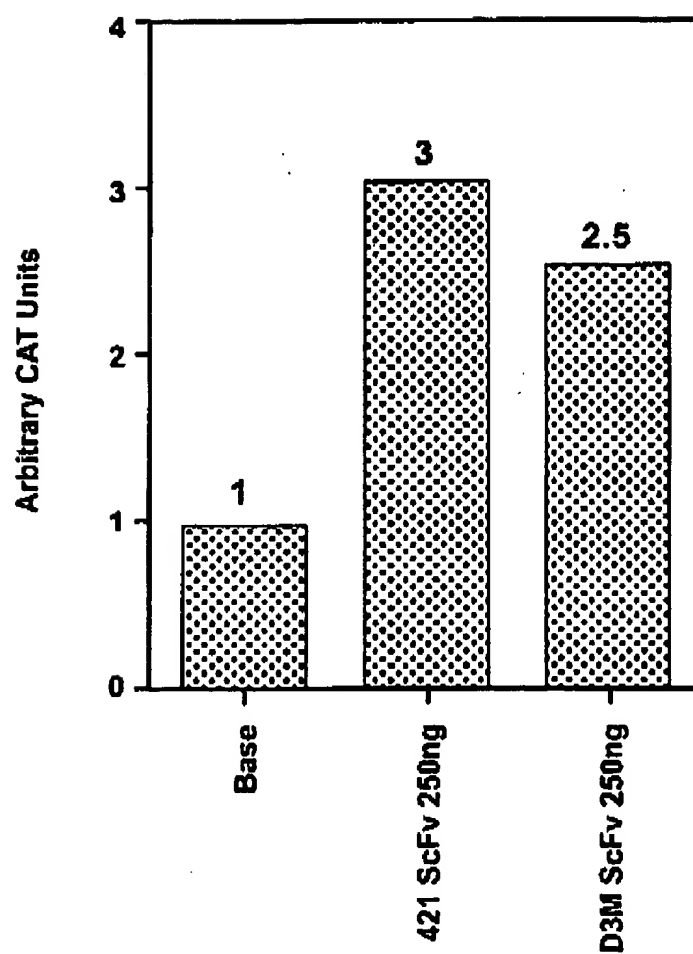


Figure 9